

BRS	30 5119174		US-PGPUB; USPAT
BRS	0 S3 and ((encapsulant or encapsulating or encapsulation or encapsulated) with (suction or tension))		US-PGPUB; USPAT
BRS	0 S7 and ((encapsulant or encapsulating or encapsulation or encapsulated) with (suction or tension))		US-PGPUB; USPAT
BRS	1 S7 and ((encapsulant or encapsulating or encapsulation or encapsulated) with (recess or cup or bowl))		US-PGPUB; USPAT
BRS	0 S1 and ((encapsulant or encapsulating or encapsulation or encapsulated) with (suction or tension))		US-PGPUB; USPAT
BRS	1 S2 and led		US-PGPUB; USPAT
BRS	1 S2 and diode		US-PGPUB; USPAT
BRS	2 S14 and (pcb or (printed adj circuit))		US-PGPUB; USPAT
BRS	23 S18 and led		US-PGPUB; USPAT
BRS	7 S3 and ((encapsulant or encapsulating or encapsulation or encapsulated) with (led or diode or emitter or		US-PGPUB; USPAT
BRS	30 5119174		US-PGPUB; USPAT
BRS	8 S22 and ((encapsulant or encapsulating or encapsulation or encapsulated))		US-PGPUB; USPAT
BRS	23 S26 and (pcb or (printed adj circuit) or printed\$1circuit)		US-PGPUB; USPAT
BRS	4 S27 and (led or diode)		US-PGPUB; USPAT
BRS	19 S27 not S28		US-PGPUB; USPAT
BRS	30 5119174		US-PGPUB; USPAT
BRS	8 S30 and ((encapsulant or encapsulating or encapsulation or encapsulated))		US-PGPUB; USPAT
BRS	4 S31 and (pcb or (printed adj circuit) or printed\$1circuit)		US-PGPUB; USPAT
BRS	8 ("4267559" "4920404" "4935665" "5119174" "5173839" "5857767" "6274924" "6428189").PN.		US-PGPUB; USPAT; USOCR
BRS	3 ("4742432" "4935665" "5012387").PN.		US-PGPUB; USPAT; USOCR
BRS	33 ((encapsulant or encapsulating or encapsulation or encapsulated) with (shape or shaped) with better)		US-PGPUB; USPAT
BRS	33 S35 and (@ad<"20030913" or @rlad<"20030913")		US-PGPUB; USPAT
BRS	1 S36 and (pcb or (printed adj circuit) or printed\$1circuit)		US-PGPUB; USPAT
BRS	26 S39 and (pcb or (printed adj circuit) or printed\$1circuit)		US-PGPUB; USPAT
BRS	13 S43 and (led or diode)		US-PGPUB; USPAT
BRS	17 ("20010022390" "5221641" "5298768" "5407502" "5656847" "5777433" "5835269" "US-PGPUB; USPAT; USOCR		USPAT
BRS	5 (US-5119174-\$ or US-6214640-\$ or US-5701034-\$ or US-6806583-\$ or US-6355946-\$).did.		US-PGPUB; USPAT
BRS	4 S46 and (pcb or (printed adj circuit) or printed\$1circuit)		USPAT
BRS	8 6355946		US-PGPUB; USPAT
BRS	8 S48 and (@ad<"20030913" or @rlad<"20030913")		US-PGPUB; USPAT
BRS	2 S49 and (pcb or (printed adj circuit) or printed\$1circuit)		US-PGPUB; USPAT
BRS	17 ("20010022390" "5221641" "5298768" "5407502" "5656847" "5777433" "5835269" "US-PGPUB; USPAT; USOCR		US-PGPUB; USPAT; USOCR
BRS	17 ("20010022390" "5221641" "5298768" "5407502" "5656847" "5777433" "5835269" "US-PGPUB; USPAT; USOCR		US-PGPUB; USPAT; USOCR
BRS	0 S52 not S51		US-PGPUB; USPAT; USOCR
BRS	8 6355946		US-PGPUB; USPAT
BRS	8 S54 and (@ad<"20030913" or @rlad<"20030913")		US-PGPUB; USPAT
BRS	23 S56 and ("257"/\$3.cor.)		US-PGPUB; USPAT

BRS	14 S58 and ("257"/\$3.cor.)	US-PGPUB; USPAT
BRS	1 5439849.pn.	US-PGPUB; USPAT
BRS	1 ("6274924").PN.	US-PGPUB; USPAT
BRS	17 S77 and ((encapsulant or encapsulating or encapsulation or encapsulated) with (shape or shaped))	US-PGPUB; USPAT
BRS	12 S78 and (pcb or (printed adj circuit) or printed\$1circuit)	US-PGPUB; USPAT
BRS	4 ("5177593" "6593598" "5905275" "6495861").PN.	US-PGPUB; USPAT
BRS	1 ("6645783").PN.	US-PGPUB; USPAT
BRS	2 ("6645783" "5177593").PN.	US-PGPUB; USPAT
BRS	0 S80 and S81 and S82	US-PGPUB; USPAT
BRS	5 S80 or S81 or S82	US-PGPUB; USPAT
BRS	6 ("6060729" "20030071368" "5475261" "4040078" "6531328" "20010030326").did.	US-PGPUB; USPAT
BRS	5 ("20020050779" "20020175621" "5298768" "5744857" "6459130").did.	US-PGPUB; USPAT
BRS	16 S80 or S81 or S82 or S85 or S86	US-PGPUB; USPAT
BRS	1 52047692	JPO; DERWENT
BRS	1 52047692 "355107283"	JPO; DERWENT
BRS	2 52047692 "55107283"	JPO; DERWENT
BRS	5 S87 and (pcb or (printed adj circuit) or printed\$1circuit)	US-PGPUB; USPAT
BRS	13 S92 and ("257"/\$3.cor.) or ("438"/\$3.cor.)	US-PGPUB; USPAT
BRS	8 (US-20040227149-\$ or US-20020163006-\$).did. or (US-5119174-\$ or US-5701034-\$ or US-6214640-\$ or	US-PGPUB; USPAT
BRS	14 ((smt or surface\$1mount or (surface adj mount)) with (laser) with (pcb or (printed adj circuit) or printed\$	US-PGPUB; USPAT
BRS	13 S98 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT
BRS	0 S99 and ("257"/\$3.cor.) or ("438"/\$3.cor.)	US-PGPUB; USPAT
BRS	0 ((smt or surface\$1mount or (surface adj mount)) with (vsel) with (pcb or (printed adj circuit) or printed\$	US-PGPUB; USPAT
BRS	14 (((surface\$1emitting) or (edge\$1emitting)) with (pcb or (printed adj circuit) or printed\$1circuit))	US-PGPUB; USPAT
BRS	12 S106 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT
BRS	3 S109 and ("257"/\$3.cor.) or ("438"/\$3.cor.)	US-PGPUB; USPAT
BRS	5 S109 and ((encapsulant or encapsulating or encapsulation or encapsulated))	US-PGPUB; USPAT
BRS	30 S115 and ((encapsulant or encapsulating or encapsulation or encapsulated))	US-PGPUB; USPAT
BRS	30 S115 and ((encapsulant or encapsulating or encapsulation or encapsulated))	US-PGPUB; USPAT
BRS	14 ibbetson.in.	US-PGPUB; USPAT
BRS	12 S118 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT
BRS	9 S119 and ("257"/\$3.cor.) or ("438"/\$3.cor.)	US-PGPUB; USPAT
BRS	3 S122 and ((led or (((light adj emitting) or light\$1emitting) adj diode)) with (pcb or (printed adj circuit) or	US-PGPUB; USPAT
BRS	6 (jayesh and bharathan).in.	US-PGPUB; USPAT
BRS	6 S124 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT
BRS	9 S127 and ("257"/\$3.cor.) or ("438"/\$3.cor.)	US-PGPUB; USPAT
BRS	8 (US-20020163006-\$ or US-20040227149-\$).did. or (US-5119174-\$ or US-5701034-\$ or US-6214640-\$ or	US-PGPUB; USPAT

BRS	7 S129 and (pcb or (printed adj circuit) or printed\$1circuit)	US-PGPUB; USPAT
BRS	9 S132 and ((led or ((light adj emitting) or light\$1emitting) adj diode)) with (pcb or (printed adj circuit) or	US-PGPUB; USPAT
BRS	16 S135 and ((led or ((light adj emitting) or light\$1emitting) adj diode)) with (pcb or (printed adj circuit) or	US-PGPUB; USPAT
BRS	7 S136 not S133	US-PGPUB; USPAT
BRS	19 ((reflector or reflecting or reflective or reflection) with (cup or bowl) with (pcb or (printed adj circuit) or	US-PGPUB; USPAT
BRS	19 ((reflector or reflecting or reflective or reflection) with (cup or bowl) with (pcb or (printed adj circuit) or	US-PGPUB; USPAT
BRS	18 S139 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT
BRS	9 ("3875456" "4305204" "4890383" "5098630" "5344600" "5793118" "5959316" "6033202" "6252	US-PGPUB; USPAT
BRS	6 58151035 "59181024" "03102841" "04173117" "10022422"	US-PGPUB; USPAT; USOCR
BRS	19 S144 and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("315"/\$3.cor.))	DERWENT
BRS	11 S145 not S140	US-PGPUB; USPAT
BRS	3 ("6274890" "6337536" "6340824").PN.	US-PGPUB; USPAT
BRS	5 S158 and (("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT; USOCR
BRS	23 S160 and (lens with (encapsulant or encapsulating or encapsulation or epoxy or resin))	US-PGPUB; USPAT
BRS	26 5043716	US-PGPUB; USPAT
BRS	26 S162 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT
BRS	7 S163 and (pcb or (printed adj circuit) or printed\$1circuit)	US-PGPUB; USPAT
BRS	6 ("4254453" "4306716" "4603496" "4754202" "4774434" "4804890").PN.	US-PGPUB; USPAT
BRS	19 4603496 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT; USOCR
BRS	9 S166 and (lens with (encapsulant or encapsulating or encapsulation or epoxy or resin))	US-PGPUB; USPAT
BRS	12 S171 and (("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT
BRS	12 S173 and (("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT
BRS	5 S174 not S172	US-PGPUB; USPAT
BRS	19 S170 and ((reflector or reflecting or reflective or reflection) with (led or (light adj emitting adj diode) or	US-PGPUB; USPAT
BRS	15 S176 not (S174 or S172)	US-PGPUB; USPAT
BRS	15 (US-20020163006-\$ or US-20030008431-\$ or US-20030019934-\$ or US-20030189829-\$ or US-200402	US-PGPUB; USPAT
BRS	15 S178 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT
BRS	13 S179 and (pcb or (printed adj circuit) or printed\$1circuit)	US-PGPUB; USPAT
BRS	12 S180 and epoxy	US-PGPUB; USPAT
BRS	12 S180 and epoxy	US-PGPUB; USPAT
BRS	15 S192 and led	US-PGPUB; USPAT
BRS	16 S188 and (("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT
BRS	0 S188 and (("174"/\$3.cor.))	US-PGPUB; USPAT
BRS	0 S188 and (("314"/\$3.cor.))	US-PGPUB; USPAT
BRS	8 S188 and (("362"/\$3.cor.))	US-PGPUB; USPAT
BRS	8 S198 and (("362"/\$3.cor.))	US-PGPUB; USPAT
BRS	6 S199 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT

BRS	2 S203 and ((laser or led) with (pcb or (printed adj circuit) or printed\$1circuit))	US-PGPUB; USPAT
BRS	0 S203 and ((pcb or (printed adj circuit) or printed\$1circuit).clm.)	US-PGPUB; USPAT
BRS	11 (epoxy with (reflect or reflected or reflecting) with white not transparent)	US-PGPUB; USPAT
BRS	11 S206 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT
BRS	5 S207 and (laser or led)	US-PGPUB; USPAT
BRS	26 (epoxy with (reflect or reflected or reflecting or reflective) with white not transparent)	US-PGPUB; USPAT
BRS	26 S209 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT
BRS	8 S210 and (laser or led)	US-PGPUB; USPAT
BRS	3 S211 not S208	US-PGPUB; USPAT
BRS	2 6638780	US-PGPUB; USPAT
BRS	0 S215 and ((pcb or (printed adj circuit) or printed\$1circuit).clm.)	US-PGPUB; USPAT
BRS	18 S218 and ("257"/\$3.cor.) or ("438"/\$3.cor.) or ("362"/\$3.cor.))	US-PGPUB; USPAT
BRS	3 ("5989982" "6174751" "6235612").PN.	US-PGPUB; USPAT; USOCR
BRS	0 S220 and (white with epoxy)	US-PGPUB; USPAT
BRS	31 S223 and ("257"/\$3.cor.) or ("438"/\$3.cor.) or ("362"/\$3.cor.))	US-PGPUB; USPAT
BRS	13 S224 not S219	US-PGPUB; USPAT
BRS	31 S234 and (@ad<"20030913" or @rlad<"20030913")	US-PGPUB; USPAT
BRS	3 S243 and ("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT
BRS	6 S243 and (substrate.clm.)	US-PGPUB; USPAT
BRS	11 S238 and ((surface adj emitting) and (edge adj emitting))	US-PGPUB; USPAT
BRS	0 S250 and ((surface adj emitting) and (edge adj emitting))	US-PGPUB; USPAT
BRS	10 S250 and ((surface adj emitting) or (edge adj emitting))	US-PGPUB; USPAT
BRS	1 ("6642547".pn.)	US-PGPUB; USPAT
BRS	0 S258 and ("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT
BRS	2 6417017 and epoxy	US-PGPUB; USPAT
BRS	23 S274 and ("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT
BRS	17 S282 and led	US-PGPUB; USPAT
BRS	1 5119174.pn.	US-PGPUB; USPAT